

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND and ADD new claims in accordance with the following:

1. (Currently Amended) A security management device including:
a security detection unit to detect ~~detecting~~ a security level of a user apparatus, based upon an access record of the user apparatus accessing a virus information computer ;
a judging unit ~~judging~~ to judge whether the security level of the user apparatus reaches a predetermined security level; and
an access control unit, in case the judging unit judges the security level of the user apparatus does not reach the predetermined security level, ~~restricting~~ to restrict as a restriction range an access permission range on a network ~~[[by]]~~ of the user apparatus to be within a range on a network to which a security setting guide server management device belongs.
2. (Previously Presented) A security management device according to Claim 1, wherein the access control unit, in case the judging unit judges that the security level of the user apparatus reaches the predetermined level, sets a range wider than the restriction range as the access permission range of the user apparatus.
3. (currently amended) A security management device according to Claim 1, wherein the access control unit has a function of controlling a communication route of the user apparatus and, in case the judging unit judges that the security level of the user apparatus does not reach the predetermined level, as the restriction range controls a communication destination of the user apparatus to ~~a specified~~ the security setting guide server management device in the restriction range on the network.
4. (currently amended) A security management device according to Claim 3, wherein the ~~specified~~ security setting guide server management device controls updating the

virus definition file of the user apparatus.

5. (currently amended) A method of managing computer security comprising:
detecting a security level of a user apparatus, based upon an access record of the user apparatus accessing a virus information computer;
judging whether the security level of the user apparatus reaches a predetermined security level; and
in case of judging the security level of the user apparatus does not reach the predetermined security level, restricting an access permission range on a network of the user apparatus to be within a range on a network to which a security setting guide server management device belongs.

6. (Previously Presented) A security management method according to Claim 5, wherein in case of judging the security level of the user apparatus reaches the predetermined level, setting a range wider than the restriction range as the access permission range of the user apparatus.

7. (currently amended) A security management method according to Claim 5, wherein in case of judging the security level of the user apparatus does not reach the predetermined level, the restricting of the access permission range of the user apparatus comprises changing a communication destination of the user apparatus to ~~a specified~~the security setting guide server management device on the network.

8. (currently amended) A security management method according to Claim 7, wherein the ~~specified~~security setting guide server management device controls updating the virus definition file of the user apparatus.

9. (currently amended) A recording medium recorded with a security management program for making a computer execute:
detecting a security level of a user apparatus, based upon an access record of the user apparatus accessing a virus information computer;
judging whether the security level of the user apparatus reaches a predetermined security level; and

in case of judging the security level of the user apparatus does not reach the predetermined security level, restricting an access permission range on a network of the user apparatus to be within a range on a network to which a security setting guide server management device belongs

10. (Previously Presented) A recording medium recorded with a security management program according to Claim 9, wherein in case of judging the security level of the user apparatus reaches the predetermined security level, setting a range wider than the restriction range as the access permission range of the user apparatus.

11. (currently amended) A recording medium recorded with a security management program according to Claim 9, wherein in case of judging the security level of the user apparatus does not reach the predetermined security level, the restricting of the access permission range of the user apparatus comprises changing a communication destination of the user apparatus to ~~a specified~~ the security setting guide server management device on the network.

12. (currently amended) A recording medium recorded with a security management program according to Claim 11, wherein the ~~specified~~ security setting guide server management device controls updating the virus definition file of the user apparatus.

13. (currently amended) A security management system comprising:
a security management device, an apparatus for a user and a security setting guide device in communication via a network,

wherein the security management device comprises:

a security detection unit detecting a security level of a user apparatus, based upon an access record of a user apparatus accessing a virus information computer;

a judging unit judging whether the security level of the user apparatus reaches a predetermined security level; and

an access control unit, in case the judging unit judges the security level of the user apparatus does not reach the predetermined security level, restricting an access permission range on a network ~~[[by]]of~~ the user apparatus to be within a range on a network to which the security setting guide server management device belongs.

14. (Previously Presented) A security management system according to Claim 13, wherein the access control unit, in case the judging unit judges the security level of the user apparatus does not reach the predetermined security level, connects the user apparatus to the security setting guide device.

15. (currently amended) A security management device including:
a controller

determining a security level of a user terminal upon a network access for the user terminal, based upon one or more of an access record of the user terminal accessing a virus information computer, security information updating history of the user terminal, port access information of the user terminal, programs and/or scripts downloaded and/or executable at the user terminal, or responsiveness to a command by the user terminal, and

ensuring a predetermined security level on the network, according to the determined security level of the user terminal,

wherein when a security level of the user terminal does not reach the predetermined security level, the ensuring of the predetermined security level includes restricting an access permission range on a network of the user terminal to be within a range on a network to which a specified device belongs.

16. (Cancelled)

17. (currently amended) The security management device of claim 15, wherein the ensuring of the predetermined security level on the network comprises guiding by the specified device the user terminal to meet the predetermined security level.

18. (currently amended) The security management device of claim 15, wherein ~~the ensuring of the predetermined security level on the network comprises if the security level of the user terminal does not reach the predetermined security level, the~~ restricting of an access permission range on the network of the user terminal includes controlling a communication destination of the user terminal to a security setting guide server management device.

19. (Previously Presented) The security management device according to Claim 1, wherein the user apparatus is established to afford the network.

20. (currently amended) The security management device according to claim 1, wherein the access control unit, in case the judging unit judges that the security level of the user apparatus has reached the predetermined security level, ~~does~~does not restrict the access permission range on the network ~~[[by]]~~of the user apparatus.

21. (Previously Presented) The security management method according to Claim 5, wherein the user apparatus is established to afford the network.

22. (currently amended) The security management method according to claim 5, wherein in the case when it is judged that the security level of the user apparatus has reached the predetermined security level, the access permission range on the network ~~[[by]]~~of the user apparatus is not restricted.

23. (Previously Presented) The security management system according to Claim 13, wherein the user apparatus is established to afford the network.

24. (currently amended) The security management system according to claim 13, wherein the access control unit of the security management system, in case the judging unit judges that the security level of the user apparatus has reached the predetermined security level, ~~does~~does not restrict the access permission range on the network ~~[[by]]~~of the user apparatus.

25. (Previously Presented) The security management device according to Claim 15, wherein the user apparatus is established to afford the network.

26. (currently amended) The security management device according to claim 15, wherein the controller, when determined ~~by the ensuring~~ that the security level of the user apparatus has reached the predetermined security level, the ensuring of the predetermine security level includes ~~does not restrict~~restricting an access permission range on the network ~~[[by]]~~of the user apparatus.

27. (currently amended) A method of managing security of a computer network to

which a user terminal is communicably connected, comprising:

determining a security level of the user terminal upon access to the network from the user terminal, based upon an access record of the user terminal accessing a virus information computer, security information updating history of the user terminal, port access information of the user terminal, programs and/or scripts downloaded and/or executable at the user terminal, responsiveness to a command by the user terminal, or any combinations thereof and

ensuring a security level on the network, according to the determined security level of the user terminal,

wherein when a security level of the user terminal does not reach the predetermined security level, the ensuring of the security level includes restricting an access permission range on a network of the user terminal to be within a range on a network to which a specified device belongs.

28. (Previously Presented) A security management device according to claim 1, wherein the detecting is based upon whether the user apparatus accesses the virus information computer at a predetermined interval.

29. (New) A security management device comprising:
a security detection unit to detect a security level of a user apparatus, based upon a virus definition file of the user apparatus;
a judging unit to judge whether the security level of the user apparatus reaches a predetermined security level; and
an access control unit to restrict an access permission range on a network of the user apparatus within a first range on a network to which a security setting guide server management device belongs when the judging unit judges the security level of the user apparatus does not reach the predetermined security level, and to set the access permission range on the network to a second range that exceeds the first range when the judging unit judges the security level of the user apparatus reaches the predetermined security level.

30. (New) The security management device according to claim 29, wherein the access control unit restricts the user apparatus to access and/or become accessible to apparatuses within the first range on the network including the security management device and an apparatus that provides the virus definition file to the user apparatus.